SECA Physics
Tuesday 12 January 2016

Welcome!!!

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* Pick up:
  - slip of paper (for later)

Opening question:

TEMP. IS AVERAGE

Can you summarize our water heat mixing experiment from Monday?

1 COLD & 1 HOT ⇒ MIXTURE IN MIDDLE

1 COLD & 2 HOT ⇒ CLOSER TO HOT

2 COLD & 1 HOT ⇒ CLOSER TO COLD

MAKES SENSE

Centering

Sep 7-7:04 AM

Heat Mixes Experiment:

~~WATER~~ → WASHERS

~~BALANCE~~ → SCALE

Follow the hand-out and collect data
Table is experiment group
  - recorder
  - equipment manager
  - time keeper

SWITCH FOR PART 2

If you have time, give some thought to the first and last questions in the packet.

COLD WATER	COMBINED	HOT WASHERS
3	10	73
4	10	72

COLD WASHERS	COMBINED	HOT WATER
5	67	82
4	65	80

HARDER = HIGHER

Jan 4-7:20 AM

Daily 3 Questions

* Every day except test/project days
* 3 Questions on the topics of the day
* Main source of daily points
* I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your NAME!!!

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. MONDAY when 1 mass of cold **water** was mixed with 1 mass of hot **water** the final temperature was:

A. closer to the temp of the **cold water**
B. about half way between the cold and hot
C. closer to the temp of the **hot water**

2. When 1 mass of cold **water** was mixed with 1 mass of hot **washers,** the final temperature was:

A. closer to the temp of the **cold water**
B. about half way between the cold and hot
C. closer to the temp of the **hot washers**

3. When 1 mass of cold **washers** was mixed with 1 mass of hot **water,** the final temperature was:

A. closer to the temp of the **cold washers**
B. about half way between the cold and hot
C. closer to the temp of the **hot water**

Jan 3-7:48 AM